

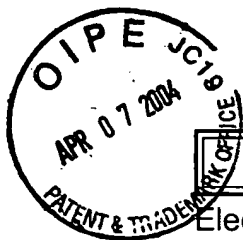
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First Named Inventor: Cliff Mure
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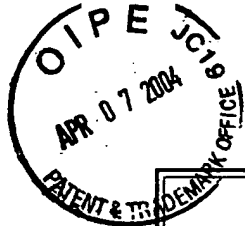
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| Title of Invention | Blow Molding Resins with Improved ESCR | | | | | | | | | |
|--|--|----------------|---------------------------|-------------|----------------|---|---------------|------------|--|------------|
| <p>Application Number: 10/743500 </p> <p>Date: 2003-12-22</p> <p>First Named Applicant: Cliff Robert Mure</p> <p>Confirmation Number: 7768</p> <p>Attorney Docket Number: DOW-31722</p> | | | | | | | | | | |
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| <table border="1"><thead><tr><th>Submitted by:</th><th>Elec. Sign.</th><th>Sign. Capacity</th></tr></thead><tbody><tr><td>Alan E Wagner Registered Number: 45188</td><td>Alan E Wagner</td><td>Attorney</td></tr></tbody></table> | | | Submitted by: | Elec. Sign. | Sign. Capacity | Alan E Wagner Registered Number: 45188 | Alan E Wagner | Attorney | | |
| Submitted by: | Elec. Sign. | Sign. Capacity | | | | | | | | |
| Alan E Wagner Registered Number: 45188 | Alan E Wagner | Attorney | | | | | | | | |
| <table><tr><td>Documents being submitted</td><td>Files</td></tr><tr><td>us-ids</td><td>DOW-31722-usidst.xml</td></tr><tr><td></td><td>us-ids.dtd</td></tr><tr><td></td><td>us-ids.xsl</td></tr></table> | | | Documents being submitted | Files | us-ids | DOW-31722-usidst.xml | | us-ids.dtd | | us-ids.xsl |
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| Comments | | | | | | | | | | |



ELECTRONIC INFORMATION DISCLOSURE STATEMENT

Electronic Version v18

Stylesheet Version v18.0

| Title of Invention | Blow Molding Resins with Improved ESCR | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|--|--|------------|------------|--------------------|------|-------|----------|------|----------|------------|------|----------|------|-------|----------|--|---|---------|------------|-------------|----|-----|-----|--|---|---------|------------|-------------|----|-----|----|--|---|---------|------------|----------------|----|-----|-----|--|---|---------|------------|---------------|--|-----|----|--|---|---------|------------|---------|--|-----|----|--|---|---------|------------|---------------|--|-----|----|--|---|---------|------------|--------------------|--|-----|----|--|---|---------|------------|--------------------|--|-----|-----|--|---|---------|------------|-------------|--|-----|-----|--|----|---------|------------|-------------|--|-----|-----|--|----|---------|------------|----------------|--|-----|-----|--|----|---------|------------|----------------|--|-----|----|
| <p>Application Number: 10/743500 </p> <p>Confirmation Number: 7768</p> <p>First Named Applicant: Cliff Mure</p> <p>Attorney Docket Number: DOW-31722</p> <p>Art Unit: 1713</p> <p>Search string: (6335411 or 6291602 or 6201078 or 6022933 or 5922818 or 5866661 or 5648439 or 5624877 or 5543376 or 5527867 or 5527752 or 5462999 or 5459203 or 5408015 or 5310834 or 5198400 or 5169816 or 5034364 or 4994534 or 4528790 or 4369295 or 4325839 or 4115639 or 4100105 or 4025707 or 4011382 or 3959178 or 3798202 or 3709853 or 3704287 or 3687920 or 3622251 or 3324101 or 3324095 or 3023203 or 2825721).pn.</p> <p>US Patent Documents</p> <p>Note: Applicant is not required to submit a paper copy of cited US Patent Documents</p> <table border="1"><thead><tr><th>init</th><th>Cite.No.</th><th>Patent No.</th><th>Date</th><th>Patentee</th><th>Kind</th><th>Class</th><th>Subclass</th></tr></thead><tbody><tr><td></td><td>1</td><td>6335411</td><td>2002-01-01</td><td>Koch et al.</td><td>B1</td><td>526</td><td>352</td></tr><tr><td></td><td>2</td><td>6291602</td><td>2001-09-18</td><td>Koch et al.</td><td>B1</td><td>526</td><td>65</td></tr><tr><td></td><td>3</td><td>6201078</td><td>2001-03-13</td><td>Breulet et al.</td><td>B1</td><td>526</td><td>113</td></tr><tr><td></td><td>4</td><td>6022933</td><td>2000-02-08</td><td>Wright et al.</td><td></td><td>526</td><td>68</td></tr><tr><td></td><td>5</td><td>5922818</td><td>1999-07-13</td><td>Mortero</td><td></td><td>526</td><td>88</td></tr><tr><td></td><td>6</td><td>5866661</td><td>1999-02-02</td><td>Benham et al.</td><td></td><td>526</td><td>61</td></tr><tr><td></td><td>7</td><td>5648439</td><td>1997-07-15</td><td>Bergmeister et al.</td><td></td><td>526</td><td>96</td></tr><tr><td></td><td>8</td><td>5624877</td><td>1997-04-29</td><td>Bergmeister et al.</td><td></td><td>502</td><td>120</td></tr><tr><td></td><td>9</td><td>5543376</td><td>1996-08-06</td><td>Bergmeister</td><td></td><td>502</td><td>117</td></tr><tr><td></td><td>10</td><td>5527867</td><td>1996-06-18</td><td>Bergmeister</td><td></td><td>526</td><td>119</td></tr><tr><td></td><td>11</td><td>5527752</td><td>1996-06-18</td><td>Reichle et al.</td><td></td><td>502</td><td>117</td></tr><tr><td></td><td>12</td><td>5462999</td><td>1995-10-31</td><td>Griffin et al.</td><td></td><td>526</td><td>68</td></tr></tbody></table> | | | | | | | | init | Cite.No. | Patent No. | Date | Patentee | Kind | Class | Subclass | | 1 | 6335411 | 2002-01-01 | Koch et al. | B1 | 526 | 352 | | 2 | 6291602 | 2001-09-18 | Koch et al. | B1 | 526 | 65 | | 3 | 6201078 | 2001-03-13 | Breulet et al. | B1 | 526 | 113 | | 4 | 6022933 | 2000-02-08 | Wright et al. | | 526 | 68 | | 5 | 5922818 | 1999-07-13 | Mortero | | 526 | 88 | | 6 | 5866661 | 1999-02-02 | Benham et al. | | 526 | 61 | | 7 | 5648439 | 1997-07-15 | Bergmeister et al. | | 526 | 96 | | 8 | 5624877 | 1997-04-29 | Bergmeister et al. | | 502 | 120 | | 9 | 5543376 | 1996-08-06 | Bergmeister | | 502 | 117 | | 10 | 5527867 | 1996-06-18 | Bergmeister | | 526 | 119 | | 11 | 5527752 | 1996-06-18 | Reichle et al. | | 502 | 117 | | 12 | 5462999 | 1995-10-31 | Griffin et al. | | 526 | 68 |
| init | Cite.No. | Patent No. | Date | Patentee | Kind | Class | Subclass | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
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| | 2 | 6291602 | 2001-09-18 | Koch et al. | B1 | 526 | 65 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
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| | 4 | 6022933 | 2000-02-08 | Wright et al. | | 526 | 68 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | 5 | 5922818 | 1999-07-13 | Mortero | | 526 | 88 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | 6 | 5866661 | 1999-02-02 | Benham et al. | | 526 | 61 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | 7 | 5648439 | 1997-07-15 | Bergmeister et al. | | 526 | 96 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
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| | 9 | 5543376 | 1996-08-06 | Bergmeister | | 502 | 117 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | 10 | 5527867 | 1996-06-18 | Bergmeister | | 526 | 119 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | 11 | 5527752 | 1996-06-18 | Reichle et al. | | 502 | 117 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | 12 | 5462999 | 1995-10-31 | Griffin et al. | | 526 | 68 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |

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|--|----|---------|------------|----------------|-----|------|
| | 13 | 5459203 | 1995-10-17 | Geerts et al. | 525 | 324 |
| | 14 | 5408015 | 1995-04-18 | Hsieh et al. | 526 | 97 |
| | 15 | 5310834 | 1994-05-10 | Katzen et al. | 526 | 114 |
| | 16 | 5198400 | 1993-03-30 | Katzen et al. | 502 | 113 |
| | 17 | 5169816 | 1992-12-08 | Dawkins | 502 | 152 |
| | 18 | 5034364 | 1991-07-23 | Kral et al. | 502 | 117 |
| | 19 | 4994534 | 1991-02-19 | Rhee et al. | 526 | 88 |
| | 20 | 4528790 | 1985-07-16 | Lo et al. | 52 | 407 |
| | 21 | 4369295 | 1983-01-18 | McDaniel | 526 | 96 |
| | 22 | 4325839 | 1982-04-20 | McDaniel | 252 | 430 |
| | 23 | 4115639 | 1978-09-19 | Brown et al. | 526 | 130 |
| | 24 | 4100105 | 1978-07-11 | Levine et al. | 252 | 429 |
| | 25 | 4025707 | 1977-05-24 | Hogan | 526 | 105 |
| | 26 | 4011382 | 1977-03-08 | Levine et al. | 526 | 96 |
| | 27 | 3959178 | 1976-05-25 | Hogan | 252 | 430 |
| | 28 | 3798202 | 1974-03-19 | Nasser, Jr. | 260 | 88.2 |
| | 29 | 3709853 | 1973-01-09 | Karapinka | 260 | 88.2 |
| | 30 | 3704287 | 1972-11-28 | Johnson | 260 | 94.9 |
| | 31 | 3687920 | 1972-08-29 | Johnson | 260 | 88.2 |
| | 32 | 3622251 | 1971-11-23 | Allen | 417 | 471 |
| | 33 | 3324101 | 1967-06-06 | Baker et al. | 260 | 94.9 |
| | 34 | 3324095 | 1967-06-06 | Carrick et al. | 260 | 88.2 |
| | 35 | 3023203 | 1962-02-27 | Dye | 260 | 94.9 |
| | 36 | 2825721 | 1958-03-04 | Hogan et al. | 260 | 88.1 |

Signature

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| Examiner Name | Date |
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